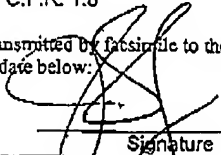


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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/065,372 Confirmation No.: 1007  
Applicant: Cross et al.  
Filed: 10/10/2002  
TC/A.U. 3672  
Examiner: William P. Neuder

Docket No.: 19.0331  
Customer No.: 23718  
Title: DOWNHOLE DRILLING APPARATUS AND METHOD FOR USING  
SAME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action dated October 10, 2003, please amend the application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 11 of this paper.